

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**



(19)

Generated Document.

(11) Publication number:

**55119347 A****PATENT ABSTRACTS OF JAPAN**(21) Application number: **54026899**(51) Int'l. Cl.: **H01M 2/02 H01M 6/48**(22) Application date: **08.03.79**

(30) Priority:

(43) Date of application  
publication: **13.09.80**(84) Designated contracting  
states:(71) Applicant: **TOSHIBA BATTERY CO LTD**(72) Inventor: **KOGA KENJI  
TAKIZAWA YASUNORI  
SAKAGAMI HIDEO**

(74) Representative:

**(54) MANUFACTURE OF  
LAMINATED DRY  
BATTERY**

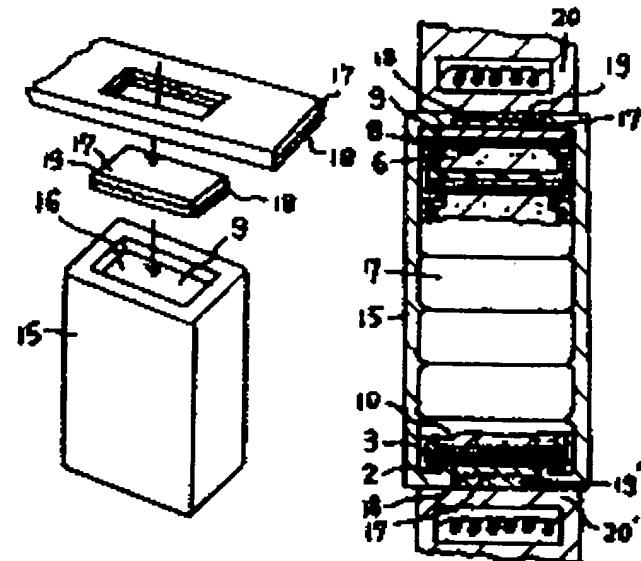
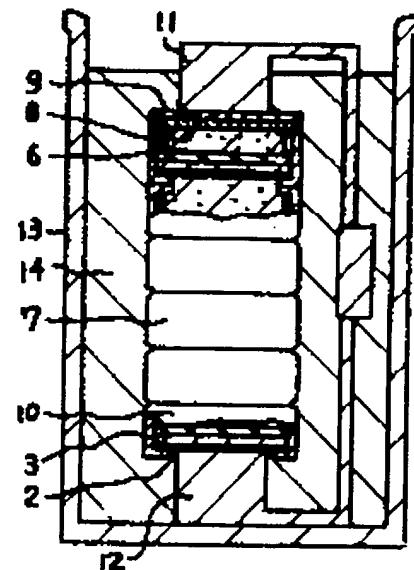
(57) Abstract:

**PURPOSE:** To insulating-coat the whole circumference and improve liquid leakage proofness by inserting the unwoven cloth tape which is immersed in hot-melt insulant into the exposure section caused by removal of a compression jig after the insulating coat is formed.

**CONSTITUTION:** The compression jigs 11 and 12 are contacted on both the center of the upper end positive electrode terminal block 9 and that of the lower end carbon film 2 in the laminated body 7 on which a number of flat cells are properly laminated and are compressed into fixed dimensions. Then these are immersed into the fused liquid 14 of hot-melt insulant such as fused polyamide system hot melt adhesive, wax, and paraffin and the coated later 15 is formed. Subsequently, the unwoven cloth tape 18 which is perforated in the same shape as the exposure section 16 and in which polyamide system hot melt adhesives are

immersed is inserted into the exposure section 16 caused by removing the compression jigs 11 and 12. The heating pressing jigs 20 and 20' are contacted, heat clamped, and immersed, and the whole circumference is sealed with insulant.

COPYRIGHT: (C)1980,JPO&Japio



**Delphion**

Log Out Order Form Work Files View Cart

BROWSE/PHONE | PRODUCTS | NEWS & EVENTS | MY ACCOUNT | SEARCH | HELP

Browse Codes | IP Listings | Prior Art | Document | Advanced | Boolean | Quick Number

The Delphion Integrated View

Other Views:  
INPADOC

Title: **JP55119347A2: MANUFACTURE OF LAMINATED DRY BATTERY**  
 ► Want to see a more descriptive title highlighting what's new about this invention?

Country: **JP** Japan  
 Kind: **A**

Inventor(s): **KOGA KENJI**  
**TAKIZAWA YASUNORI**  
**SAKAGAMI HIDEO**

Applicant/Assignee:  
**TOSHIBA BATTERY CO LTD**  
News, Profiles, Stocks and More about this company

Issued/Filed Dates: **Sept. 13, 1980 / March 8, 1979**

Application Number: **JP1979000026899**

IPC Class: **H01M 2/02; H01M 6/48;**

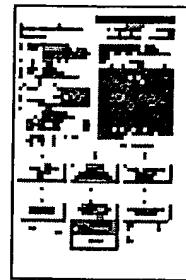
Priority Number(s): **March 8, 1979 JP1979000026899**



Abstract:  
**Purpose:** To insulating-coat the whole circumference and improve liquid leakage proofness by inserting the unwoven cloth tape which is immersed in hot-melt insulant into the exposure section caused by removal of a compression jig after the insulating coat is formed.  
**Constitution:** The compression jigs 11 and 12 are contacted on both the center of the upper end positive electrode terminal block 9 and that of the lower end carbon film 2 in the laminated body 7 on which a number of flat cells are properly laminated and are compressed into fixed dimensions. Then these are immersed into the fused liquid 14 of hot-melt insulant such as fused polyamide system hot melt adhesive, wax, and paraffin and the coated later 15 is formed. Subsequently, the unwoven cloth tape 18 which is perforated in the same shape as the exposure section 16 and in which polyamide system hot melt adhesives are immersed is inserted into the exposure section 16 caused by removing the compression jigs 11 and 12. The heating pressing jigs 20 and 20' are contacted, heat clamped, and immersed, and the whole circumference is sealed with insulant.

**COPYRIGHT:** (C)1980,JPO&Japio

► See a clear and precise summary of the whole patent, in understandable terms.



View Image

1 page

Family: Show known family members

Other Abstract Info: **CHEMABS 094(06)033734M**

Foreign References: **No patents reference this one**



[Nominate this  
for the Gallery...](#)

---

[Subscribe](#) | [Privacy Policy](#) | [Terms & Conditions](#) | [FAQ](#) | [Site Map](#) | [Help](#) | [Contact Us](#)  
© 1997 - 2002 Delphion Inc.